

Chemistry and Physics of Lipids 81 (1996) 257 CPL
CHEMISTRY AND
PHYSICS OF LIPIDS

Author index

Volume 81 (1996)

Anikin, M.V. 81, 35 Arnold, R.S. 81, 215

Chernomordik, L. **81**, 203 Chupin, V.V. **81**, 35 Cornell, R.B. **81**, 215

Disalvo, E.A. 81, 45 Douchet, I. 81, 1

Epand, R.M. 81, 101

Galla, H.-J. **81**, 21, 229 Gawrisch, K. **81**, 105 Grechishnikova, I.V. **81**, 87

Holte, L.L. **81**, 105 Howarth, O.W. **81**, 81 Hwang, F. **81**, 197

Ioneda, T. 81, 11

Ivanova, M. 81, 1

Janes, N. 81, 133 Johansson, L.B.-Å. 81, 87

Kinnunen, P.K.J. 81, 151 Klykov, V.N. 81, 35

Lam, C.K. 81, 55 Lie Ken Jie, M.S.F. 81, 55 Lohner, K. 81, 167

Mattjus, P. 81, 69 McIntosh, T.J. 81, 117 Molotkovsky, J.G. 81, 87

Ono, S.S. 81, 11 Ostapenko, O.V. 81, 35

Scheick, C. 81, 63 Senisterra, G.A. 81, 45 Serebrennikova, G.A. 81, 35 Slater, S.J. 81, 185 Slotte, J.P. 81, 69 Spiteller, G. 81, 63 Stubbs, C.D. 81, 185

Ulrich, W.-P. 81, 21

Verger, R. 81, 1 Viera, L.I. 81, 45 Vlahov, G. 81, 81

Wegener, J. 81, 229 Weller, U. 81, 21 Wetterich, F. 81, 21 Winter, A. 81, 21

Yang, F.Y. 81, 197

Ziomek, E. 81, 1





Chemistry and Physics of Lipids 81 (1996) 259-261 CPL
CHEMISTRY AND
PHYSICS OF LIPIDS

Subject index

Volume 81 (1996)

Acetylation; Platelet-activating factor; Positional isomer; Lysoplatelet-activating factor 81, 35

Alcohol; Nuclear magnetic resonance; Phospholipid; Hexagonal phase; Polyunsaturation; Alkane 81, 105

Alkane; Nuclear magnetic resonance; Phospholipid; Hexagonal phase; Polyunsaturation; Alcohol 81, 105

Aqueous THF; p-Benzoquinone; Oxidation; Oxo fatty esters; Palladium(II) chloride; Ultrasound; Unsaturated fatty esters; Wacker reaction 81, 55

Bilayer; Inverted hexagonal; Membrane structure; Polymorphism; Lipids; Enthalpic curvature stress 81, 133

Bilayer stability; Etherlipids; Hydrophobic-hydrophilic interphase; Inverse hexagonal phase; Membrane fluidity; Membrane fusion 81, 167

Carbobenzoxy-D-Phe-L-PheGly; Propensity for hexagonal II phase formation; Mycoplasma Mg²⁺-ATPase; Mitochondrial H⁺-ATPase; Ubiquinol-cytochrome c reductase; Diolein; Eicosane; Cholesterol 3-sulfate 81, 197

Carbon-13 NMR; Sterculate; Malvalate; Triacylglycerols 81,

Cholesterol; Monolayers; Lipid domains; Phosphatidylcholine; Sphingomyelin; Lipid interactions; Cholesterol oxidase; Fluorescence microscopy 81, 69

Cholesterol oxidase; Monolayers; Lipid domains; Cholesterol; Phosphatidylcholine; Sphingomyelin; Lipid interactions; Fluorescence microscopy 81, 69

Cholesterol 3-sulfate; Propensity for hexagonal II phase formation; Mycoplasma Mg²⁺-ATPase; Mitochondrial H⁺-AT-Pase; Ubiquinol-cytochrome c reductase; Diolein; Eicosane; Carbobenzoxy-D-Phe-L-PheGly 81, 197

Curvature; Non-bilayer lipids; Membrane fusion 81, 203

Curvature stress; Non-lamellar forming lipids; Protein-lipid interactions; Polymorphism 81, 185

Diolein; Propensity for hexagonal II phase formation; Mycoplasma Mg²⁺-ATPase; Mitochondrial H⁺-ATPase; Ubiquinol-cytochrome c reductase; Eicosane; Cholesterol 3-sulfate; Carbobenzoxy-D-Phe-L-PheGly **81**, 197

Eicosane; Propensity for hexagonal II phase formation; Mycoplasma Mg²⁺-ATPase; Mitochondrial H⁺-ATPase; Ubiquinol-cytochrome c reductase; Diolein; Cholesterol 3-sulfate; Carbobenzoxy-D-Phe-L-PheGly 81, 197

Electronic energy transfer; Fluorescent bichromophoric lipid probes; Synthesis 81, 87

Enthalpic curvature stress; Bilayer; Inverted hexagonal; Membrane structure; Polymorphism; Lipids 81, 133

Epithelial/endothelial barrier function; Tight junctions; Nonlamellar lipid phases; Inverted hexagonal (H_{II}) phase 81, 229

Etherlipids; Hydrophobic-hydrophilic interphase; Bilayer stability; Inverse hexagonal phase; Membrane fluidity; Membrane fusion 81, 167

Fluorescence microscopy; Monolayers; Lipid domains; Cholesterol; Phosphatidylcholine; Sphingomyelin; Lipid interactions; Cholesterol oxidase 81, 69

Fluorescent bichromophoric lipid probes; Synthesis; Electronic energy transfer 81, 87

Gangliosides; Phospholipid bilayer membranes; Tetanus toxin; Pore formation; Lipid-protein interation 81, 21

Glycerol mycolate; Mycolic acids; Mycoloyl glycerol; Mass spectrometry; Liquid chromatography 81, 11

Hexagonal phase; Nuclear magnetic resonance; Phospholipid; Polyunsaturation; Alkane; Alcohol 81, 105

- Hydration pressure; Lamellar and hexagonal phases; Steric pressure; Hydrogen bonding; X-Ray diffraction 81, 117
- Hydrogen bonding; Lamellar and hexagonal phases; Hydration pressure; Steric pressure; X-Ray diffraction 81, 117
- Hydrophobic-hydrophilic interphase; Etherlipids; Bilayer stability; Inverse hexagonal phase; Membrane fluidity; Membrane fusion 81, 167
- Interface; Poly(dimethylsiloxane); Monolayer; Lipase 81, 1
- Inverse hexagonal phase; Etherlipids; Hydrophobic-hydrophilic interphase; Bilayer stability; Membrane fluidity; Membrane fusion 81, 167
- Inverted bexagonal; Bilayer; Membrane structure; Polymorphism; Lipids; Enthalpic curvature stress 81, 133
- Inverted hexagonal (H_{II)} phase; Epithelial/endothelial barrier function; Tight junctions; Non-lamellar lipid phases 81, 229
- Lamellar and hexagonal phases; Hydration pressure; Steric pressure; Hydrogen bonding; X-Ray diffraction 81, 117
- Linoleic acid; 1-Pentene; 1-Pentene epoxide; Lipid peroxidation; 1-Mercaptophenyl-2-pentanol; 2-Mercaptophenyl-1-pentanol 81, 63
- Lipase; Poly(dimethylsiloxane); Monolayer; Interface 81, 1
- Lipid domains; Monolayers; Cholesterol; Phosphatidylcholine; Sphingomyelin; Lipid interactions; Cholesterol oxidase; Fluorescence microscopy 81, 69
- Lipid interactions; Monolayers; Lipid domains; Cholesterol; Phosphatidylcholine; Sphingomyelin; Cholesterol oxidase; Fluorescence microscopy 81, 69
- Lipid peroxidation; 1-Pentene; 1-Pentene epoxide; 1-Mercaptophenyl-2-pentanol; 2-Mercaptophenyl-1-pentanol; Linoleic acid 81, 63
- Lipid-protein interation; Gangliosides; Phospholipid bilayer membranes; Tetanus toxin; Pore formation 81, 21
- Lipids; Bilayer; Inverted hexagonal; Membrane structure; Polymorphism; Enthalpic curvature stress 81, 133
- Liquid chromatography; Mycolic acids; Glycerol mycolate; Mycoloyl glycerol; Mass spectrometry 81, 11
- Lyso-platelet-activating factor; Platelet-activating factor; Positional isomer; Acetylation 81, 35
- Malvalate; Sterculate; Carbon-13 NMR; Triacylglycerols 81,

- Mass spectrometry; Mycolic acids; Glycerol mycolate; Mycoloyl glycerol; Liquid chromatography 81, 11
- Membrane fluidity; Etherlipids; Hydrophobic-hydrophilic interphase; Bilayer stability; Inverse hexagonal phase; Membrane fusion 81, 167
- Membrane fusion; Etherlipids; Hydrophobic-hydrophilic interphase; Bilayer stability; Inverse hexagonal phase; Membrane fluidity 81, 167
- Membrane fusion; Non-bilayer lipids; Curvature 81, 203
- Membrane structure; Bilayer; Inverted hexagonal; Polymorphism; Lipids; Enthalpic curvature stress 81, 133
- **2-Mercaptophenyl-1-pentanol**; 1-Pentene; 1-Pentene epoxide; Lipid peroxidation; 1-Mercaptophenyl-2-pentanol; Linoleic acid **81**, 63
- 1-Mercaptophenyl-2-pentanol; 1-Pentene; 1-Pentene epoxide; Lipid peroxidation; 2-Mercaptophenyl-1-pentanol; Linoleic acid 81, 63
- Mitochondrial H+-ATPase; Propensity for hexagonal II phase formation; Mycoplasma Mg²⁺-ATPase; Ubiquinol-cytochrome c reductase; Diolein; Eicosane; Cholesterol 3-sulfate; Carbobenzoxy-D-Phe-L-PheGly 81, 197
- Monolayer; Poly(dimethylsiloxane); Interface; Lipase 81, 1
- Monolayers; Lipid domains; Cholesterol; Phosphatidylcholine; Sphingomyelin; Lipid interactions; Cholesterol oxidase; Fluorescence microscopy 81, 69
- Mycolic acids; Glycerol mycolate; Mycoloyl glycerol; Mass spectrometry; Liquid chromatography 81, 11
- Mycoloyl glycerol; Mycolic acids; Glycerol mycolate; Mass spectrometry; Liquid chromatography 81, 11
- Mycoplasma Mg²⁺-ATPase; Propensity for hexagonal II phase formation; Mitochondrial H⁺-ATPase; Ubiquinol-cytochrome c reductase; Diolein; Eicosane; Cholesterol 3-sulfate; Carbobenzoxy-D-Phe-L-PheGly 81, 197
- Non-bilayer lipids; Membrane fusion; Curvature 81, 203
- Non-lamellar forming lipids; Protein-lipid interactions; Polymorphism; Curvature stress 81, 185
- Non-lamellar lipid phases; Epithelial/endothelial barrier function; Tight junctions; Inverted hexagonal (H_{II}) phase 81, 229
- Nuclear magnetic resonance; Phospholipid; Hexagonal phase; Polyunsaturation; Alkane; Alcohol 81, 105

Oxidation; Aqueous THF; p-Benzoquinone; Oxo fatty esters; Palladium(II) chloride; Ultrasound; Unsaturated fatty esters; Wacker reaction 81, 55

Oxo fatty esters; Aqueous THF; p-Benzoquinone; Oxidation; Palladium(II) chloride; Ultrasound; Unsaturated fatty esters; Wacker reaction 81, 55

Palladium(II) chloride; Aqueous THF; p-Benzoquinone; Oxidation; Oxo fatty esters; Ultrasound; Unsaturated fatty esters; Wacker reaction 81, 55

p-Benzoquinone; Aqueous THF; Oxidation; Oxo fatty esters; Palladium(II) chloride; Ultrasound; Unsaturated fatty esters; Wacker reaction 81, 55

1-Pentene epoxide; 1-Pentene; Lipid peroxidation; 1-Mercaptophenyl-2-pentanol; 2-Mercaptophenyl-1-pentanol; Linoleic acid 81, 63

1-Pentene; 1-Pentene epoxide; Lipid peroxidation; 1-Mercaptophenyl-2-pentanol; 2-Mercaptophenyl-1-pentanol; Linoleic acid 81, 63

Phosphatidylcholine; Monolayers; Lipid domains; Cholesterol; Sphingomyelin; Lipid interactions; Cholesterol oxidase; Fluorescence microscopy 81, 69

Phospholipid bilayer membranes; Gangliosides; Tetanus toxin; Pore formation; Lipid-protein interation 81, 21

Phospholipid; Nuclear magnetic resonance; Hexagonal phase; Polyunsaturation; Alkane; Alcohol 81, 105

Platelet-activating factor; Positional isomer; Lyso-platelet-activating factor; Acetylation 81, 35

Poly(dimethylsiloxane); Monolayer; Interface; Lipase 81, 1

Polymorphism; Bilayer; Inverted hexagonal; Membrane structure; Lipids; Enthalpic curvature stress 81, 133

Polymorphism; Non-lamellar forming lipids; Protein-lipid interactions; Curvature stress 81, 185

Polyunsaturation; Nuclear magnetic resonance; Phospholipid; Hexagonal phase; Alkane; Alcohol 81, 105

Pore formation; Gangliosides; Phospholipid bilayer membranes; Tetanus toxin; Lipid-protein interation 81, 21

Positional isomer; Platelet-activating factor; Lyso-platelet-activating factor; Acetylation 81, 35

Propensity for hexagonal II phase formation; Mycoplasma Mg²⁺-ATPase; Mitochondrial H⁺-ATPase; Ubiquinol-cytochrome *c* reductase; Diolein; Eicosane; Cholesterol 3-sulfate; Carbobenzoxy-D-Phe-L-PheGly **81**, 197

Protein-lipid interactions; Non-lamellar forming lipids; Polymorphism; Curvature stress 81, 185

Sphingomyelin; Monolayers; Lipid domains; Cholesterol; Phosphatidylcholine; Lipid interactions; Cholesterol oxidase; Fluorescence microscopy 81, 69

Sterculate; Malvalate; Carbon-13 NMR; Triacylglycerols 81,

Steric pressure; Lamellar and hexagonal phases; Hydration pressure; Hydrogen bonding; X-Ray diffraction 81, 117

Synthesis; Fluorescent bichromophoric lipid probes; Electronic energy transfer 81, 87

Tetanus toxin; Gangliosides; Phospholipid bilayer membranes; Pore formation; Lipid-protein interation 81, 21

Tight junctions; Epithelial/endothelial barrier function; Non-lamellar lipid phases; Inverted hexagonal (H₁₁) phase 81, 229

Triacylglycerols; Sterculate; Malvalate; Carbon-13 NMR 81, 81

Ubiquinol-cytochrome c reductase; Propensity for hexagonal II phase formation; Mycoplasma Mg²⁺-ATPase; Mitochondrial H⁺-ATPase; Diolein; Eicosane; Cholesterol 3-sulfate; Carbobenzoxy-D-Phe-L-PheGly **81**, 197

Ultrasound; Aqueous THF; p-Benzoquinone; Oxidation; Oxo fatty esters; Palladium(II) chloride; Unsaturated fatty esters; Wacker reaction 81, 55

Unsaturated fatty esters; Aqueous THF; p-Benzoquinone; Oxidation; Oxo fatty esters; Palladium(II) chloride; Ultrasound; Wacker reaction 81, 55

Wacker reaction; Aqueous THF; p-Benzoquinone; Oxidation; Oxo fatty esters; Palladium(II) chloride; Ultrasound; Unsaturated fatty esters 81, 55

X-Ray diffraction; Lamellar and hexagonal phases; Hydration pressure; Steric pressure; Hydrogen bonding 81, 117



